

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
Black ink. Color.

Color drawings are not acceptable until petition is granted.
Fig(s) _____
Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)
1 full-tone set is required. Fig(s) _____
Photographs may not be mounted. 37 CFR 1.84(e)
Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)
Paper not flexible, strong, white, and durable.
Fig(s) _____
Erasures, alterations, overwritings, interlineations,
folds, copy machine marks not accepted. Fig(s) _____
Mylar, velum paper is not acceptable (too thin).
Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
21.0 cm by 29.7 cm (DIN size A4)
21.6 cm by 27.9 cm (8 1/2 x 11 inches)
All drawing sheets not the same size.
Sheet(s) _____
Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
SIZE: A4 Size

Top 2.5'cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) _____
Top (T) _____ Left (L)
Right (R) _____ Bottom (B)

6. VIEWS. 37 CFR 1.84(h)
REMINDER: Specification may require revision to
correspond to drawing changes.

Partial views. 37 CFR 1.84(h)(2)
Brackets needed to show figure as one entity.
Fig(s) _____
Views not labeled separately or properly.
Fig(s) _____
Enlarged view not labeled separately or properly.
Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)
Hatching not indicated for sectional portions of an object.
Fig(s) _____
Sectional designation should be noted with Arabic or
Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

~~X~~ Words do not appear on a horizontal, left-to-right fashion
when page is either upright or turned so that the top
becomes the right side, except for graphs. Fig(s) 5

9. SCALE. 37 CFR 1.84(k)

Scale not large enough to show mechanism without
crowding when drawing is reduced in size to two-thirds in
reproduction.
Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS.
37 CFR 1.84(i)

~~X~~ Lines, numbers & letters not uniformly thick and well
defined, clean, durable, and black (poor line quality).
Fig(s) 1

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig(s) _____
Solid black shading not permitted. Fig(s) _____
Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
37 CFR 1.84(p)

~~X~~ Numbers and reference characters not plain and legible.
Fig(s) 1, 8, 9A, 9B

~~X~~ Figure legends are poor. Fig(s) ALL
Numbers and reference characters not oriented in the
same direction as the view. 37 CFR 1.84(p)(1)
Fig(s) _____

English alphabet not used. 37 CFR 1.84(p)(2)
Figs _____

~~X~~ Numbers, letters and reference characters must be at least
.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
Fig(s) 5

13. LEAD LINES. 37 CFR 1.84(q)

Lead lines cross each other. Fig(s) _____
Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

Sheets not numbered consecutively, and in Arabic numerals
beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

~~X~~ Views not numbered consecutively, and in Arabic numerals,
beginning with number 1. Fig(s) 6

16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not made from prior PTO-948
dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate. Fig(s) _____
Solid black shading not used for color contrast.
Fig(s) _____

COMMENTS

REVIEWER [Signature]

DATE 6-2-03

TELEPHONE NO. _____

ATTACHMENT TO PAPER NO. 5/03/

1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing for Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in **ABANDONMENT** of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.